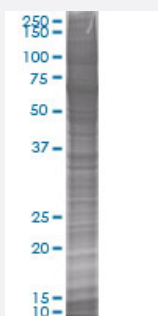


# MRPL19 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009801-T01

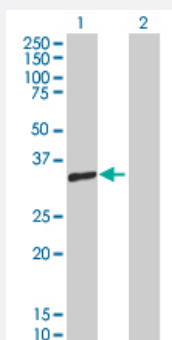
Size 100 uL

## Applications



### SDS-PAGE Gel

MRPL19 transfected lysate



### Western Blot

Lane 1: MRPL19 transfected lysate ( 32.23 KDa).

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-MRPL19 full-length
Host	Human
Theoretical MW (kDa)	32.23
Interspecies Antigen Sequence	Mouse (81); Rat (80)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MRPL19 antibody ([H00009801-B01](#)) by Western Blots.  
 SDS-PAGE Gel  
 MRPL19 transfected lysate  
 Western Blot  
 Lane 1: MRPL19 transfected lysate ( 32.23 KDa).  
 Lane 2: Non-transfected lysate.

## Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

## Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — MRPL19

### Entrez GeneID

[9801](#)

### GeneBank Accession#

[BC030144](#)

### Protein Accession#

[AAH30144](#)

### Gene Name

MRPL19

### Gene Alias

KIAA0104, L19mt, MGC20675, MRP-L15, MRP-L19, MRPL15, RLX1, RPML15

### Gene Description

mitochondrial ribosomal protein L19

### Gene Ontology

[Hyperlink](#)

### Gene Summary

Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28 S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein. [provided by RefSeq]

### Other Designations

39S ribosomal protein L19, mitochondrial

## Disease

- [Dyslexia](#)
- [Tobacco Use Disorder](#)